



Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 503.39455CX1	SERIAL NO. 10/669,052
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)		<b>APPLICANT</b> Masaya ADACHI <i>et al.</i>	
		<b>FILING DATE</b> 09/24/2003	<b>GROUP</b> Unassigned

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
MC	AA 6,261,402 B1	07/2001	Watanabe <i>et al.</i>	156	230	
MC	AB 6,104,454	08/2000	Hiyama <i>et al.</i>	349	65	
MC	AC 5,629,785	05/1997	Valliath <i>et al.</i>	349	86	
MC	AD 5,504,598	04/1996	Sprague <i>et al.</i>	349	57	
MC	AE 6,469,755 B1	10/2002	Adachi <i>et al.</i>	349	62	
MC	AF 5,587,816	12/1996	Gunjima <i>et al.</i>	349	62	
MC	AG 5,712,694	01/1998	Taira <i>et al.</i>	349	9	
	AH					
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	AL					

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation/Abstract	
						Yes	No
	AM						
	AN						
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	AU	
	AV	
	AW	
	AX	
	AY	
	AZ	

Examiner <i>Magda Cruz</i>	Date Considered November 21, 2004.
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INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

## APPLICANT

Masaya ADACHI *et al.*

FILING DATE

09/24/2003

GROUP

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## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
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Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation/Abstract	
						Yes	No
MC	AM 09-318801	12/12/1997	JP	—	—	Abstract	
MC	AN 07-205323	08/08/1995	JP	—	—	Abstract	
MC	AO 08-006023	01/12/1996	JP	—	—	Abstract	
MC	AP 09-281483	10/31/1997	JP	—	—	Abstract	
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	AZ	
Examiner <i>Magda Cruz</i>		Date Considered <i>November 21, 2004</i>